

ABSTRACT OF THE DISCLOSURE

A pickup lens is provided in which various aberrations are satisfactorily corrected, which can be manufactured at low cost, and which has an optical length of 10 mm or less. This 5 pickup lens is configured by arranging, in order from the object side, a first lens L_1 with a meniscus shape with concave surface on the object side and having negative refractive power, an aperture diaphragm S , a second lens L_2 with convex surfaces on both sides and having positive refractive power, a 10 third lens L_3 with concave surfaces on both sides and having negative refractive power, and a fourth lens L_4 with convex surfaces on both sides and having positive refractive power; and with the following conditions satisfied.

$$+5.0 < (r_2+r_1)/(r_2-r_1) < +7.0 \quad (1)$$

15 $0.15f < d_1 < 0.3f \quad (2)$

Here r_1 is the radius of curvature of the object-side surface of the first lens in the vicinity of the optical axis (axial radius of curvature), r_2 is the radius of curvature of the image-side surface of the first lens in the vicinity of 20 the optical axis (axial radius of curvature), d_1 is the thickness of the first lens, and f is the focal length of the entire system.